

Express Mail No. EL026007638US

Attorney Docket No.11770US03

AJRE  
JC135 U.S. PTO 09/143503  
08/28/98/

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

**REISSUE APPLICATION TRANSMITTAL  
(Broadening Reissue)**

Transmitted herewith is the application for reissue of:

**U.S. Patent No.:5,554,121**

**issued on:** September 10, 1996

**Inventor(s):** Robert D. Ainsworth, Tai C. Cheng and Lawrence D. Wasicek.

**Title:** INTRALUMINAL CATHETER WITH HIGH STRENGTH PROXIMAL  
SHAFT

The patentee hereby requests that the U.S. Patent identified above be reissued to correct the errors identified and to be identified in the original patent, as indicated in the enclosed specification and claims.

This application for a broadening reissue is being filed on or before September 10, 1998 – the second anniversary of the issue date of the patent.

**Enclosed are the following:**

**1. Specification:**

An amended specification (7 pages), with additions and deletions indicated by bracketing and underlining;

**2. Claims:**

- Original claims 1-6,
- claims 7-17 added by Reexamination Certificate B1 (3574th) on Jul. 14, 1998, as amended, and
- new claims 18-56 added in this reissue application;

3. **Drawings:**

1 sheet of original drawing (formal);

4. **Abstract:**

An amended Abstract on 1 sheet; and

5. **Printed Patent:**

A copy of the original printed patent and reexamination certificate.

**The following papers or items are not enclosed, and will be supplied later**

6. **Declaration and power of attorney**

7. **The written consent of the assignees to the reissue**

8. **A submission demonstrating the ownership interest of the assignee, in  
accordance with the provisions of 37 CFR § 3.73(b).**

9. **An Offer to surrender the original letters patent**

10. **The necessary fee.**

**11. An Information Disclosure Statement and enclosures.**

George Wheeler  
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FORM 401	
	NOTICE OF FILING OF REISSUE APPLICATION FOR PUBLICATION IN OFFICIAL GAZETTE
ORIGINAL PATENT NUMBER	5554121
SERIAL NUMBER OF REISSUE	09/143503
FILING DATE	8-28-98
CLASS AND SUBCLASS	604/96
TITLE	INTRALUMINAL CATHETER WITH HIGH STRENGTH PROXIMAL SHAFT
INVENTOR	ROBERT D AINSWORTH et al
OWNER OF RECORD	ADVANCED CARDIOVASCULAR SYSTEMS INC. SANTA CLARA, CA
ATTORNEY OR AGENT OF RECORD	GEORGE WHEELER
EXAMINING GROUP ASSIGNED	
DATE OF ANNOUNCEMENT IN OFFICIAL GAZETTE	